Growth Through Engagement and Teamwork

Part I: Awards Activities

Fulvio Gini, Chair
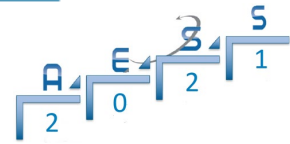
May 6-7, 2021

AESS BoG Virtual Meeting

AESS Awards Ad Hoc Committee

- **Fulvio Gini** (Chair)
- **Lance Kaplan**
- **Bob Rassa**
- **Roy Streit**
- **Yonina Eldar**
- **Braham Himed**

Objectives

- Long term strategic objectives:

    – Taking a fresh look at all awards;

    – Initiating new awards;

    – Implementing changes to ensure better governance through revised processes and structures.
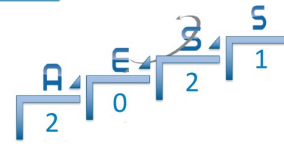
Committee Ongoing Actions

In collaboration with the AESS Executive Assistant, **Judy Scharmann**:

- ▣ Update the **Awards webpage** and the **annual timeline** with the deadlines of all activities related to the awards.

- ▣ Update the Awards committees in consultation with the AESS President and the AESS BoG.

- ▣ Collect the nominations, initiate and coordinate the selection processes and notify the winners.

- ▣ Judy ensures that all the **plaques** are made and ready for the AESS Awards Ceremony.

- ▣ Judy prepares **templates** that we use to ensure that all the appropriate information is communicated and collected from the award recipients.

Periodic Email blust of the Call for Nominations:

The IEEE Aerospace & Electronic Systems Society (AESS) is soliciting nominations for its Awards. To view the full detailed listing of each award please visit the Awards page on our website.

Nominators should utilize the forms associated with each award description found on the website.

Nominations due December 1, 2020:

AESS Outstanding Organizational Leadership Award
Details | Nomination Form

AESS Judith A. Resnik Space Award
Details | Nomination Form

AESS Industrial Innovation Award
Details | Nomination Form

AESS Society Pioneer Award
Details | Nomination Form

Best Chapter of the Year Award Award
Details | Nomination Form

AESS Engineering Scholarship
Details | Nomination Form

Outstanding Technical Panel of the Year Award
Details | Email VP TechOps

Nominations due January 31, 2021:

Fred Nathanson Memorial Radar Award
Details | Nomination Form

Warren D. White Award
Details | Nomination Form

TEMPLATE TO ESTABLISH A NEW SOCIETY/COUNCIL AWARD

Title: IEEE Michael C. Wicks Radar Student Travel Grant

Description.
This award is established to provide travel support to enable graduate students who are primary author on a paper in the area of radar signal processing accepted for presentation during the annual IEEE Radar Conference to attend the conference and present their research. The primary author is the student who presents the paper and attends the conference in person. Up to 4% of the prior year fund IEEE Foundation fund balance may be used. Every five years when the International Radar Conference is held in the United States an additional 1% of the prior year fund balance may be used for the same purpose. Support shall be provided in the form of reimbursement after the student has attended and presented their accepted paper. This award does not overlap with any existing award in the AESS Award portfolio and consequently avoids the potential for an awardee to receive two awards for the same recognition.
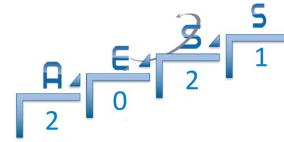
Administration.
This award is administered by the IEEE Aerospace and Electronic Systems Society (AESS).

Eligibility.
Recipients must be a member of IEEE and AESS at the time of nomination and must be a graduate student who is primary author on a paper in the area of radar signal processing accepted for presentation during the annual IEEE Radar Conference, or the IEEE International Radar Conference when held in the United States. The student must attend the conference and present his/her paper in order to receive the award. Eligibility and Selection process shall comply with procedures and regulation established in IEEE and Society/Council governing documents, particularly with IEEE Policy 4.4 on Awards Limitations. Previous award winners are not eligible.

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Revised version approved by the TABARC in October 2020!

TABARC = Technical Activities Board (TAB) Awards and Recognition Committee

TEMPLATE FOR ESTABLISHING A NEW SOCIETY AWARD

Title: IEEE AESS Early Career Award

Description. To recognize an individual, whose age has not reached the 41th birthday by the nomination deadline, and who has made outstanding contributions to aerospace and electronic systems. This proposed new award does not overlap with any existing award in the AESS awards portfolio and consequently avoids the potential for an awardee to receive two awards for the same recognition.

Administration. The IEEE Aerospace and Electronic Systems Society (AESS) will be responsible for administering the award.

Eligibility. This award is to recognize an individual, whose age has not reached the 41th birthday by the nomination deadline, and who has made outstanding contributions to aerospace and electronic systems. The recipient must be a current member of the IEEE and AESS and have been a member of the IEEE and AESS for at least the previous 3 calendar years plus the year of the nomination. Current officers and members of the AESS Board of Governors are are ineligible, as well as are inegible previous recpients of this award, of the Fred Nathanson Early Career Award and winners of major IEEE Field Awards. Self-nominations are not accepted. Members of the AESS Board of Governors are not permitted to submit nominations or reference letters. The AESS Awards Chair may need to work with the AESS Early Career Award Committee Chair and the Fred Nathanson Award Committee Chair to ensure the nominee is in the appropriate award category. In fact, the endowed Fred Nathanson Early Career award is only for an individual working in radar technologies. The AESS Early Career Award is for an individual working in all the other areas of interest of AESS. Nominations to IEEE AESS Early Career

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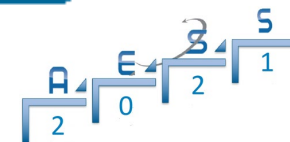
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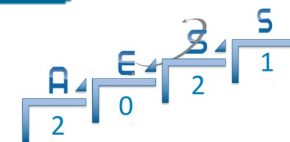**Revised version approved by the TABARC in October 2020!**

TABARC = Technical Activities Board (TAB) Awards and Recognition Committee
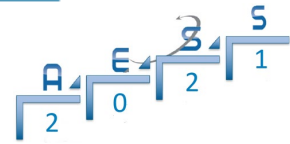
AESS Awards (15)

Awards	Category	Who manage the selection process	Nomination deadline
1. Pioneer Award	Society Award	Awards chair	December 1
2. Outstanding Organizational Leadership Award	Society Award	Awards chair	December 1
3. Judith A. Resnik Space Award	Society Award	Awards chair	December 1
4. Industrial Innovation Award	Society Award	Awards chair	December 1
5. Early Career Award	Society Award	Awards chair	December 1
6. Robert T. Hill Best Dissertation Award	Society Award	VP Education	October 31
7. Chapter of the Year Award	Society Award	VP Member Services	December 1
8. Outstanding Technical Panel of the Year Award	Society Award	VP Technical Operations	December 1
9. Engineering Scholarship	Education Award	VP Education	December 1
10. Michael C. Wicks Radar Student Travel Grant	Education Award	Co-chairs of the Student Activities Committee	December 1

AESS Awards (15)

Awards	Category	Who manage the selection process	Nomination deadline
11. Warren D. White Award	Panel Award	Committee Chair (appointed by the RSP chair)	January 31
12. Fred Nathanson Memorial Radar Award	Panel Award	Committee Chair (appointed by the RSP chair)	January 31
13. M. Barry Carlton Award	Publication Award	Journal EiC	January 31
14. Harry Rowe Mimno Award	Publication Award	Journal EiC	January 31
15. Walter R. Fried "PLANS" Best Paper Award in Navigation	Publication Award	Conference OC	January 31

Certificate of Merit	Category	Who manage the selection process	Nomination deadline
AESS Exceptional Service Award	Certificate of Merit	AESS BoG	On demand

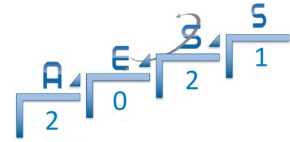# Discussion Topics or Issues

❑ **1. Proposal:** small changes in the names to make them more *coherent*.

IEEE AESS Pioneer Award

IEEE Aerospace and Electronic Systems Society (15 awards)
Society Pioneer Award
M. Barry Carlton Award
Harry Rowe Mimno Award
Fred Nathanson Memorial Radar Award
IEEE AESS Outstanding Technical Panel of the Year Award
Chapter of the Year Award
Warren D. White Award for Excellence in Radar Engineering
Walter R. Fried "PLANS" Best Paper Award in Navigation
IEEE AESS Outstanding Organizational Leadership Award
IEEE AESS Judith A. Resnik Space Award
IEEE AESS Robert T. Hill Best Dissertation Award
IEEE Aerospace & Electronic Systems Society Engineering Scholarship
IEEE AESS Industrial Innovation Award
IEEE Michael C. Wicks Radar Student Travel Grant
IEEE AESS Early Career Award

IEEE AESS Technical Panel of the Year Award

IEEE AESS Chapter of the Year Award

IEEE AESS Organizational Leadership Award

IEEE AESS Engineering Scholarship

Discussion Topics or Issues

AESS Exceptional Service Award
(BoG members nominate someone and the BoG approves/reject, it is not an AESS award)

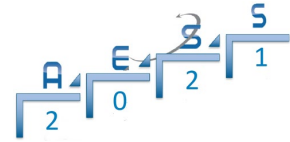**IEEE AESS Outstanding Organizational Leadership Award**
(scope maybe too narrow, very difficult to find good nominations, no nominations this year)

❑ An AESS Meritorious Service Award with broad scope is presently missing.

❑ **2. Proposal:** Give mandate to the _Awards Committee_ to discuss about the possibility to fuse the certificate of merit and the organizational award into a new IEEE AESS award called:

IEEE AESS Meritorious Service Award

with a scope that covers both exceptional service and organizational leadership, to make it a more prestigious AESS award.

Discussion Topics or Issues

M. Barry Carlton Award & Harry Rowe Mimno Award

very difficult to obtain spontaneous nominations, preselection mostly on the shoulders of the EiCs (based on citations, downloads, etc.)

❑ I think the various AESS Panels should contribute more substantially, e.g. providing 1-3 nominations every year for each award.

❑ **3. Proposal:** Give mandate to the _Awards Committee, together with the journal EiCs,_ to discuss about how to involve more heavily the 6 AESS Technical Panels in the nomination process.

AESS Awards selection committees

Outstanding Organizational Leadership Award	Society Pioneer Award	Judith A. Resnik Space Award	Industrial Innovation Award
Hugh Griffiths (2)	Don Sinnott (2)	Maruthi Akella (2)	Joseph Guerci (2)
Michael Braasch (2)	Pratap Misra (2)	Aloke Roy (2)	Joachim Ender (2)
Moeness Amin (2)	Michael Picciolo (2)	Mark Bentum (2)	Roberto Sabatini (2)
Peter Willett (2)	Daniel Tazartes (1)	Moriba Jah (1)	Michael Noble (1)

Early Career Award
George T. Schmidt (1) MIT Instrument Laboratory/ Draper Laboratory (Retired), USA
Yaakov Oshman (1) Technion, Israel
Gary McGraw (1) Rockwell Collins Advanced Technology Center, USA
Steve Butler (1) Johns Hopkins University Applied Physics Laboratory, USA

- **3 years for the chair and 3, 2, and 1-year terms for the committee.**

- **Please, <u>suggest names</u> for new committee members for next year [*we plan to change one member for each committee every year*].**

- **<u>Gender and geographical Diversity</u>!**